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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/067,241	02/07/2002	Masahide Sato	219196US0	6563

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EXAMINER

SISSON, BRADLEY L

ART UNIT	PAPER NUMBER
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1634

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Please find below and/or attached an Office communication concerning this application or proceeding.

Continuation of Substance of Interview including description of the general nature of what was discussed: Mr. Sisson drew attention to the preamble as not indicating whether the beer yeasts are being differentiated from one another or from something else. Attention was also directed to the use of the abbreviation "bp" in defining the length of a primer. Mr. Sisson noted that primers are generally single stranded and are comprised of nucleotides, not "base pairs" (bp). Dr. Shier indicated agreement with this interpretation of primer construction. Using claim 1 as an example, Mr. Sisson indicated how the claim does not clearly indicate how one is to differentiate the various amplification products when, as presently written, the amplicons from any given species could have the same size as that derived from any other species. Mr. Sisson also noted that while the primers are to be from 15-30 nucleotides, there is nothing in the claims that stipulates under what conditions they are to be used, and as such, the claims fairly encompass annealing conditions where the primers would bind to virtually any nucleotide sequence, and that one only needs the last 3 or 4 nucleotides (3'-terminus) for effective priming to take place, and as such, the remaining 12-27 nucleotides would not have any effect on the priming, or on the resultant amplicon, which could be from any where in the genome of the yeasts or any other contaminant present. Agreement was reached in that claim 3 fairly encompasses primers that have no similarity to any primer used in the preceding method as the phrase "one or more base substitutions" fairly encompasses a complete change in composition. Dr. Shier indicated that he would recommend cancellation of this claim. Dr. Shier agreed that significant issues of enablement do exist and requested the Office to prepare a written Office action identifying these issues. .